

CLAIMS

What is claimed is:

1. An ISDN alarm notification system comprising:

digital switching equipment;

5 subscriber transmission equipment connected to the switching equipment; and

a controller for setting switch options externally, the subscriber transmission equipment including,

a switching equipment interface unit,

10 a control path unit, and

an ISDN subscriber interface unit,

wherein switch options provided in the switching equipment interface units, the control path unit and the ISDN subscriber interface unit are set from the controller, 15 so that switch options are set the same, corresponding to the digital switching equipment connected to the subscriber transmission equipment.

2. The ISDN alarm notification system according to claim

20 1, wherein the switch options in the ISDN subscriber interface unit are alarm controllers corresponding to the digital switching equipment.

3. An ISDN alarm notification system comprising:

25 a plurality of digital switching equipment;

subscriber transmission equipment connected to the plurality of switching equipment; and

a controller for setting switch options externally,
the subscriber transmission equipment including,
switching equipment interface units,
a control path unit, and

5 an ISDN subscriber interface unit,

wherein switch options provided in the switching
equipment interface units, the control path unit and the
ISDN subscriber interface unit are set from the controller,
so that switch options are set the same, corresponding to

10 the plurality of digital switching equipment connected to
the subscriber transmission equipment.

4. The ISDN alarm notification system according to claim
2, wherein the switch options in the ISDN subscriber
15 interface unit are alarm controllers corresponding to the
digital switching equipment.

5. The ISDN alarm notification system according to claim
3, wherein the plurality of digital switching equipment
20 provide interfaces conforming to RDT301-1 to -4 standards,
and each switching equipment type corresponding to each
RDT303 standard can be set into the switching equipment
interface unit, control path unit, and ISDN subscriber
interface unit in the subscriber transmission equipment.

25 6. The ISDN alarm notification system according to claim
3, wherein the plurality of digital switching equipment

are products of different vendors.

7. An ISDN alarm notification system comprising:

a plurality of digital switching equipment; and

5 analog switching equipment having,

subscriber transmission equipment connected to the plurality of digital switching equipment through digitizing equipment directly, and

a controller for setting switch options externally,

10 wherein the subscriber transmission equipment includes,

switching equipment interface units,

a control path unit, and

an ISDN subscriber interface unit, and

switch options provided in the switching equipment

15 interface units, the control path unit and the ISDN

subscriber interface unit are set from the controller, so

that switch options are set the same, corresponding to the

plurality of digital switching equipment connected to the

subscriber transmission equipment.

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8. The ISDN alarm notification system according to claim

1, wherein the ISDN subscriber interface unit includes

alarm controllers of identical configuration

corresponding to a plurality of channels to be connectable

25 to a plurality of different switching equipment modes on

a channel by channel basis.

9. The ISDN alarm notification system according to claim 8, wherein the ISDN subscriber interface unit includes alarm controllers for at least two channels in one ISDN card.

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10. The ISDN alarm notification system according to claim 1, wherein the ISDN subscriber interface unit includes a terminator, which detects an uninstalled condition of an ISDN channel card.

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11. The ISDN alarm notification system according to claim 1, wherein the ISDN subscriber interface unit includes a terminator, which detects a disconnected condition of a network terminal.

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12. The ISDN alarm notification system according to claim 1, wherein the ISDN subscriber interface unit includes a terminator, which detects a power off condition of a network terminal.

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